

in successive filter chambers.

CLAIMS

1. A filter cloth (5) which is intended for use in a pressure filter based on diaphragm extrusion which comprises at least two filter chambers and in which the filter cloth (5) is guided through the filter chambers arranged one after the other in the direction (A) of movement of the filter cloth so that in the filter chambers, the opposite sides of the filter cloth (5) are alternately against the slurry to be filtered which contains liquid and solids, the filter cloth (5) being symmetrical in respect of the filtering ability, and the solids separated from the slurry in said filter are conveyed out of the filter chambers by means of the filter cloth (5), **characterized** in that the filter cloth (5) comprises a middle layer (15) both surfaces of which are provided with protective layers (16a, 16b; 17a, 17b) which form the outer surfaces of the filter cloth (15) and are denser than the middle layer.
2. A filter cloth according to claim 1, **characterized** in that the protective layers (16a, 16b; 17a, 17b) are made to resist wear by using wear-resistant threads or fibres and a wear-resistant bond structure.
3. A filter cloth according to claim 1 or 2, characterized in that the protective layers (17a, 17b) are denser than the middle layer (15).
4. A filter cloth according to any one of the preceding claims, **characterized** in that the middle layer (15) has a woven structure.
5. A filter cloth according to any one of the preceding claims, **characterized** in that the protective layers (16a, 16b; 17a, 17b) are batt fibre layers.
6. A filter cloth according to claim 5, **characterized** in that the protective layers (16a, 16b; 17a, 17b) are attached to the middle layer (15) by needling.
7. A filter cloth according to any one of the preceding claims, **characterized** in that the air permeance of the filter cloth (5) is below $0.2 \text{ m}^3/\text{m}^2 \text{ min}$, 200 Pa.